

REMARKS

The present Preliminary Amendment is submitted to delete the multiple dependencies of claims 3-6, thereby placing such claims in condition for examination and reducing the required PTO filing fee.

Copies of the amended portion of the claims with changes marked therein is attached and entitled "Version with Markings to Show Changes Made."

Respectfully submitted,

Takuya MATSUMOTO

By 
Michael S. Huppert
Registration No. 40,268
Attorney for Applicant

MSH/kjf
Washington, D.C. 20006-1021
Telephone (202) 721-8200
Facsimile (202) 721-8250
March 13, 2002

CLAIMS

JC10 Rec'd PCT/PTO 13 MAR 2002

1. An electrostatic painting device with a transmission frequency adjustment device, comprising:

high-voltage booster circuit provided inside the body of the electrostatic painting device to rectify a high-frequency low-voltage and generate a DC high voltage for electrostatic painting;

high-frequency low-voltage generator provided independently of said electrostatic painting device to generate said high-frequency low-voltage;

a low-voltage cable connecting said high-frequency low-voltage generator to said high-voltage booster circuit;

current sensor means for detecting a current value corresponding to an intrinsic consumed current at said high-voltage booster circuit;

frequency control means for adjusting a frequency of said high-frequency low-voltage in such a manner that a current value detected by said current sensor means does not exceed a prescribed value.

2. The electrostatic painting device as defined in Claim 1, wherein said frequency control means exercises control to determine a frequency of said high-frequency low-voltage in such a manner that a current value detected by said current sensor means becomes the smallest.

3. (Amended) The electrostatic painting device as defined in Claim 1 [or 2], wherein said current sensor means is provided in said high-frequency low-voltage generator to detect a current supplied to said low-voltage cable.

(Amended)

4. The electrostatic painting device as defined in Claim 1 [or 2], wherein said frequency control means performs an operation for adjusting a frequency of said high-frequency low-voltage when the power switch of the electrostatic painting device is closed.

5. *(Amended)* The electrostatic painting device as defined in Claim 1 [or 2], wherein said frequency control means performs an operation for adjusting a frequency of said high-frequency low-voltage at the set times.

6. *(Amended)* The electrostatic painting device as defined in [one of] Claims 1 [- 5], further comprising an abnormality indication means for indicating an abnormal state when a current value detected by said current sensor means exceeds a predetermined value, said frequency control means performing an operation for adjusting a frequency of said high-frequency low-voltage when an abnormal state is indicated.

Version with Markings to
Show Changes Made